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TI Treating waste waters containing fatty acids of their salts with
cement of calcium carbonate
IN Tsuji, Takao; Wakamiya, Katsuhiko; Katsumi, Mamoru
PA Kao Soap Co., Ltd.
SO Jpn. Kokai Tokkyo Koho, 2 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
INCL 91C91; 13(9)F2
CC 60-2 (Sewage and Wastes)
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PRAI	JP 1972-63904	A	19720626		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 49023450	INCL	91C91; 13(9)F2

AB A waste water containing RCO₂M (where R is a saturated or unsatd. C₁₀-20 alkyl, and M is an alkali metal, H, or NH₄) is treated with **cement** and(or) CaCO₃. Thus, worn white shirts (20 kg) were washed with 50 l. water in which 160 g of Na stearate soap was added. Washing was carried out in a rotary drum washer at 60° for 15 min. The waste water (COD 1660 ppm) was mixed with 1% portland **cement**, and filtered. The filtrate contained soap 69 ppm and COD 1260 ppm.

ST **soap wastewater** treatment **cement**; calcium carbonate treatment wastewater; sodium stearate **soap wastewater** treatment; fatty acid wastewater treatment

IT Soaps